

**TECHINICAL REVIEW AND EVALUATION
AMERICAN WOODMARK
SIGNIFICANT REVISION
PERMIT NUMBER 34435**

I. INTRODUCTION

This Significant Permit Revision is issued to American Woodmark for the creation of a term in the permit specifying the minimum operating temperature for the regenerative thermal oxidizer necessary to achieve 95% destruction of volatile organic compounds, addition of a roll coating station to Finishing Line 4, addition of a manual door glazing process, and to revision of the equipment list with new identification numbers.

A. Company Information

Facility Name:	American Woodmark Corporation
Mailing Address:	4475 Mohave Airport Drive Kingman, AZ 86401
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B. Attainment Classification

The facility is located in either an unclassified area or is classified as being in attainment of the National Ambient Air Quality Standards (NAAQS) for all criteria pollutants.

II. PROJECT DESCRIPTION

The purpose of this Class I significant revision is to create a term in the permit specifying the minimum operating temperature for the regenerative thermal oxidizer where 95% destruction temperature is achieved, the addition of a roll coating station to Finishing Line 4 to apply stains to doors and frames, add a manual door glazing process to apply stains to doors to achieve an "aged" appearance, and revise the equipment list with new identification numbers to standardize equipment identification throughout the plant.

The existing Permit Number 1001540 is amended to include the temperature at which 95% destruction is achieved. The Permittee submitted performance test results showing the temperature at which 95% destruction was achieved for the regenerative thermal oxidizer is 1425 degrees Fahrenheit. On this basis the permit condition III.C.12 of Attachment "B" was changed to reflect that the regenerative thermal oxidizer shall be operated in a manner that the combustion temperature is not less than 1425 degrees Fahrenheit. This value shall be the

temperature that corresponds to 95% by weight VOCs introduced into the control device.

III. EMISSION SUMMARY

American Woodmark has an existing VOC limit of 241 TPY in the existing permit. The emissions from the addition of the roll coater and manual glazing operations will not change this facility wide emission limitation. The manual glazing operation product usage will be recorded under the usage for Line 3. No new applicable requirements were triggered from the addition of the roll coater and manual glazing processes; therefore they shall be operated in accordance with the existing permit conditions for the finishing operations in Permit Number 1001540.

IV. EQUIPMENT LIST

The equipment list of Attachment "D" of Permit Number 1001540 has been changed to incorporate the new number system.